

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	437	(318/85).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/23 17:46
S4	701	S1 or S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 17:48
S3	435	318/85	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 17:48
S2	2	S1 and (yarn or textile) and (speed or velocity) and current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 17:49
S5	8	S4 and (yarn or textile) and (speed or velocity) and current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 17:51
S8	13	"4706476"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 18:29
S7	11	S4 and (yarn or textile or spinning) and (speed or velocity) and current and (synchron\$4 or synchronous\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 18:31
S6	14	S4 and (yarn or textile or spinning) and (speed or velocity) and current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 18:31
S10	4	S8 and (yarn or textile or spinning or thread) and (speed or velocity) and current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 18:38
S9	4	S8 and (yarn or textile or spinning) and (speed or velocity) and current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 18:38
S11	24	S4 and (yarn or textile or spinning or thread) and (speed or velocity) and current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 18:39
S13	4	S8 and (yarn or textile or spinning or thread) and (speed or velocity) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 18:40
S12	4	S8 and (yarn or textile or spinning or thread) and (speed or velocity) and current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 18:40

## EAST Search History

S16	7	oneda near filippo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 18:49
S15	4	"2003031708"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 18:49
S18	0	S17 and (yarn or textile or spinning or thread) and (speed or velocity) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 18:52
S17	10	((("4764875") or ("6151925") or ("3858416") or ("4479078") or ("4686437"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/23 18:52
S14	1	S8 and (yarn or textile or spinning or thread) and (speed or velocity) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 18:52
S19	2821	(yarn or textile or spinning or thread) and (speed or velocity or frequency) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 (speed or velocity or frequency) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 18:54
S20	4	S4 and (yarn or textile or spinning or thread) and (speed or velocity or frequency) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 (speed or velocity or frequency) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 19:03
S23	944	motor and (yarn or textile or spinning or thread) and (speed or velocity or frequency) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 (speed or velocity or frequency) ) and display\$4 and (remote\$4) and (stop\$4 or brak\$4 or break\$4) and (error or fail\$4 or fault\$4 or malfunction\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 19:06
S26	3	"62"/\$ and motor and (yarn or textile or spinning or thread) and (speed or velocity or frequency) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 (speed or velocity or frequency) ) and display\$4 and (remote\$4) and (stop\$4 or brak\$4 or break\$4) and (error or fail\$4 or fault\$4 or malfunction\$4) and (dc or (direct\$2 adj2 current) or (d\$2 adj2 c\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 19:07
S27	944	motor and (yarn or textile or spinning or thread) and (speed or velocity or frequency) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 (speed or velocity or frequency) ) and display\$4 and (remote\$4) and (stop\$4 or brak\$4 or break\$4) and (error or fail\$4 or fault\$4 or malfunction\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 19:09

## EAST Search History

S25	5	"66"/\$ and motor and (yarn or textile or spinning or thread) and (speed or velocity or frequency) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 (speed or velocity or frequency) ) and display\$4 and (remote\$4) and (stop\$4 or brak\$4 or break\$4) and (error or fail\$4 or fault\$4 or malfunction\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 19:10
S28	5	"66"/\$ and motor and (yarn or textile or spinning or thread) and (speed or velocity or frequency) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 (speed or velocity or frequency) ) and display\$4 and (remote\$4) and (stop\$4 or brak\$4 or break\$4) and (error or fail\$4 or fault\$4 or malfunction\$4) and (dc or (direct\$2 adj2 current) or (d\$2 adj2 c\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 19:12
S30	12	"318"/\$ and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 19:20
S29	105	motor and (yarn or textile or spinning or thread) and (speed or velocity or frequency) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 (speed or velocity or frequency) ) and display\$4 and (remote\$4) and (stop\$4 or brak\$4 or break\$4) and (error or fail\$4 or fault\$4 or malfunction\$4) and (dc or (direct\$2 adj2 current) or (d\$2 adj2 c\$2)) and (brushless or (brush\$2 adj2 less))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 19:20
S31	1	motor and (yarn or textile ) and (speed or velocity or frequency) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 (speed or velocity or frequency) ) and display\$4 and (remote\$4) and (stop\$4 or brak\$4 or break\$4) and (error or fail\$4 or fault\$4 or malfunction\$4) and (dc or (direct\$2 adj2 current) or (d\$2 adj2 c\$2)) and (brushless or (brush\$2 adj2 less))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 15:28
S33	44	(yarn or textile ) and (speed or velocity or frequency) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 (speed or velocity or frequency) ) and display\$4 and (remote\$4) and (stop\$4 or brak\$4 or break\$4) and (error or fail\$4 or fault\$4 or malfunction\$4) and (dc or (direct\$2 adj2 current) or (d\$2 adj2 c\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 15:47
S36	701	S34 or S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 15:48
S35	435	318/85	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 15:48
S34	437	(318/85).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/24 15:48

## EAST Search History

S37	0	S36 and (yarn or textile ) and (speed or velocity or frequency) and (power or current ) and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 (speed or velocity or frequency) ) and display\$4 and (remote\$4) and (stop\$4 or brak\$4 or break\$4) and (error or fail\$4 or fault\$4 or malfunction\$4) and (dc or (direct\$2 adj2 current) or (d\$2 adj2 c\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 15:50
S32	1	(yarn or textile ) and (speed or velocity or frequency) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 (speed or velocity or frequency) ) and display\$4 and (remote\$4) and (stop\$4 or brak\$4 or break\$4) and (error or fail\$4 or fault\$4 or malfunction\$4) and (dc or (direct\$2 adj2 current) or (d\$2 adj2 c\$2)) and (brushless or (brush\$2 adj2 less))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 15:51
S38	19253	S36 and (yarn or textile ) and (speed or velocity or frequency) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) "and." (dc or (direct\$2 adj2 current) or (d\$2 adj2 c\$2)) and (brushless or (brush\$2 adj2 less))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 15:56
S40	0	S36 and (yarn or textile ) and (speed or velocity or frequency) and current and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and (dc or (direct\$2 adj2 current) or (d\$2 adj2 c\$2)) and (brushless or (brush\$2 adj2 less))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 16:02
S42	16	S36 and (yarn or textile )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 16:04
S41	0	S36 and (yarn or textile ) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and (dc or (direct\$2 adj2 current) or (d\$2 adj2 c\$2)) and (brushless or (brush\$2 adj2 less))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 16:04
S39	0	S36 and (yarn or textile ) and (speed or velocity or frequency) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and (dc or (direct\$2 adj2 current) or (d\$2 adj2 c\$2)) and (brushless or (brush\$2 adj2 less))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 16:05
S44	1	S43 and (yarn or textile ) and (speed or velocity or frequency) and current and (sens\$4 or detect\$4 or check\$4 or monitor\$4) and (encod\$4 or resolver or hall\$2) and ((sens\$4 or detect\$4 or check\$4 or monitor\$4) near4 position) and (dc or (direct\$2 adj2 current) or (d\$2 adj2 c\$2)) and (brushless or (brush\$2 adj2 less))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 16:26
S46	9	(S43 or S36) and (yarn or textile ) and (synchronous\$4 or synchroniz\$4) and (stop\$4 or brak\$4 or break\$4) and (error or fail\$4 or fault\$4 or malfunction\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 16:44
S45	15	(S43 or S36) and (yarn or textile ) and (synchronous\$4 or synchroniz\$4) and (stop\$4 or brak\$4 or break\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 16:45
S48	1831	(318/3,6,700,705,706,721).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/24 16:53
S43	1801	(318/3,6,700,705,721).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/24 16:53

## EAST Search History

S49	4	(S48 or S36) and (yarn or textile ) and (synchronous\$4 or synchroniz\$4) and (stop\$4 or brak\$4 or break\$4) and (remot\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 16:54
S47	4	(S43 or S36) and (yarn or textile ) and (synchronous\$4 or synchroniz\$4) and (stop\$4 or brak\$4 or break\$4) and (remot\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 16:54
S50	7	(S48 or S36) and (yarn or textile ) and ((synchronous\$4 or synchroniz\$4 or asynchron\$4 or synchronization) same (stop\$4 or brak\$4 or break\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 17:43
S51	3	(S48 or S36) and (yarn or textile ) and ((synchronous\$4 or synchroniz\$4 or asynchron\$4 or synchronization) same (error or fail\$4 or fault\$4 or malfunction\$4 )) and (stop\$4 or brak\$4 or break\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 17:46
S52	0	(S48 or S36) and (yarn or textile ) and ((synchronous\$4 or synchroniz\$4 or asynchron\$4 or synchronization) near4 (lost or loss lor los\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 17:48
S53	3	"66"/\$ and (yarn or textile ) and ((synchronous\$4 or synchroniz\$4 or asynchron\$4 or synchronization) near4 (lost or loss lor los\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/24 17:54